

COURSES UNDER FARM MACHINERY

S.No.	Course Name	Course No.	Credit	L	P	T
1	Workshop Practice	FMP - 101	1 (0 + 1)	0	1	0
2	Engineering Drawing	FMP - 103	2 (0 + 2)	0	2	0
3	Workshop Technology	FMP - 102	3 (2 + 1)	2	1	0
4	Engineering Mechanics	FMP - 104	3 (2 + 1)	2	1	0
5	Thermodynamics and Heat Engines	FMP - 106	4 (3 + 1)	3	1	0
6	Farm Machinery and Equipment - I	FMP - 201	3 (2 + 1)	2	1	0
7	Farm Power	FMP - 203	3 (2 + 1)	2	1	0
	Farm Machinery and Equipment - II	FMP - 202	3 (2 + 1)	2	1	0
8	Theory of Machines	FMP - 204	3 (2 + 1)	2	1	0
9	Field Operation and Maintenance of Tractors and Farm Machinery - I	FMP-206	1 (0 + 1)	0	1	0
10	Machine Drawing and CAD/CAM Commuter Graphics	FMP - 301	3 (1 + 2)	1	2	0
11	Machine Design	FMP - 303	3 (2 + 1)	2	1	0
12	Tractor Systems and Controls	FMP - 305	3 (2 + 1)	2	1	0
13	Field Operation and Maintenance of Tractors and Farm Machinery - II	FMP-307	2 (1 + 1)	1	1	0
14	Refrigeration and Air Conditioning	FMP- 302	3 (2 + 1)	2	1	0
15	Tractor Design and Testing	FMP - 401	3 (2 + 1)	2	1	0
16	Hydraulic Drive & Controls	FMP – 403	3 (2 + 1)	2	1	0
17	Farm Power and Machinery Management	FMP - 405	3 (2 + 1)	2	1	0

18	Human Engineering and Safety	FMP - 407	2 (1 + 1)	1	1	0
19	Production Technology for Agril. Machinery	FMP - 409	3 (2 + 1)	2	1	0
20	Mechanics of Tillage and Traction	FMP - 411	3 (2 + 1)	2	1	0

S.No.	Course Name	Course No.	Credit
1	Project	AE - 401	6
2	Seminar	AE - 403	1

S.No.	Course Name	Course No.	Credit
1	In-Plant Training :	AE (SWE) - 402 10	10
	Student will undertake in-plant training of 25 credits hours which will include practical training at the Institution, training in one (4 months) / two (2 months each) Industrial Units and Educational tour.	AE (FMP /APE / RE) - 404 15	15
		Total	25